

# **E-BRAIN, DATA STRUCTURE THEREOF AND KNOWLEDGE PROCESSING METHOD THEREWITH**

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## **ABSTRACT OF THE DISCLOSURE**

10 An e-brain is provided with a data structure of  
hierarchy knowledge map including several knowledge symbols,  
among which each knowledge symbol is a carrier symbol or  
conceptual symbol and has a unique addressing expression, with  
a syntagmatic chain existed between the up- and  
down-knowledge symbols thereof and a knowledge attribute table  
15 for recording one or more attributes each having an attribute  
name and an attribute value. The e-brain comprises one or  
more knowledge interpreters to interpret a knowledge instruction  
including a knowledge operator and one or more parameters, by  
which the attribute value is operated under a context determined  
20 by the carrier symbol.